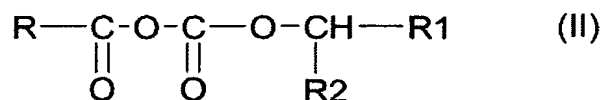


AMENDMENTS TO THE CLAIMS

1. (Currently Amended): A process for the preparation of an O-acylated glucose derivative in which the O-acylated glucose derivative prepared is O-acylated at least 50% in the 6 position, comprising:

- preparing a mixed anhydride of formula (II):

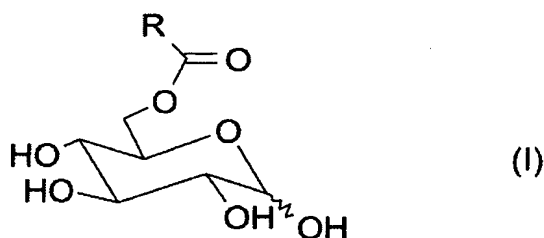


in which R1 and R2 are, independently of one another, saturated or unsaturated and linear or branched hydrocarbon radicals comprising 1 to 20 carbon atoms and R is a saturated or unsaturated, linear or branched hydrocarbon chain comprising 7 to 21 carbon atoms,

by reaction of a carboxylic acid of formula R-COOH with an alkyl haloformate of formula X-C(O)-O-CHR1R2, with X representing halogen; and

- reacting said mixed anhydride with glucose.

2. (Currently Amended): The process according to Claim 1, ~~in which the O-acylated glucose derivative prepared is O-acylated at least 50% in the 6 position~~, said derivative having formula (I):



in which R is a saturated or unsaturated, linear or branched hydrocarbon chain comprising 7 to 21 carbon atoms.

3. (Original): The process according to Claim 1, in which the acyl residue -COR in formula II is a residue selected from the group consisting of octanoyl, decanoyl, dodecanoyl, myristoyl, hexadecanoyl, stearoyl, palmitoleoyl, oleoyl, linoleoyl and linolenoyl residues.

4. (Original): The process according to Claim 1, in which the alkyl haloformate is selected from the group consisting of compounds for which R1 and/or R2 are, independently of one another, saturated or unsaturated, linear or branched hydrocarbon radicals comprising 1 to 6 carbon atoms.

5. (Original): The process according to Claim 1, in which R1 and/or R2 are selected from the group consisting of methyl and ethyl.

6. (Original): The process according to Claim 1, in which R1 and/or R2 are selected from the group consisting of the compounds X-C(O)-O-CH(CH₃)₂.

7. (Original): The process according to Claim 1, in the alkyl haloformate is an isopropyl haloformate.

8. (Original): The process according to Claim 1, in which the alkyl haloformate is isopropyl chloroformate.

9. (Original): The process according to Claim 1, in which the mixed anhydride is prepared in an organic solvent.

10. (Original): The process according to Claim 1, in which the mixed anhydride is prepared in an organic solvent selected from the group consisting of tetrahydrofuran, N-methylpyrrolidone, pyridine, toluene and mixtures thereof.

11. (Original): The process according to Claim 1, in which the mixed anhydride is prepared in toluene.

12. (Original): The process according to Claim 1, in which the mixed anhydride is prepared at a temperature of -25°C to +40°C and for a time of 5 minutes to 5 hours.

13. (Original): The process according to Claim 1, in which the mixed anhydride is prepared at a temperature of -10°C to +10°C for a time of 5 minutes to 5 hours.

14. (Original): The process according to Claim 1, in which the mixed anhydride is prepared at a temperature of -25°C to +40°C and for a time of 30 minutes to 3 hours.

15. (Original): The process according to Claim 1, in which the mixed anhydride is prepared at a temperature of -10°C to +10°C for a time of 30 minutes to 3 hours.

16. (Original): The process according to Claim 1, in which the reaction of said mixed anhydride with glucose is carried out in an organic solvent.

17. (Original): The process according to Claim 1, in which the reaction of said mixed anhydride with glucose is carried out in an organic solvent selected from the group consisting of tetrahydrofuran, N-methylpyrrolidone, pyridine, toluene and mixtures thereof.

18. (Original): The process according to Claim 1, in which the reaction of said mixed anhydride with glucose is carried out in pyridine.

19. (Original): The process according to Claim 1, in which the reaction of said mixed anhydride with glucose is carried out at a temperature of 10°C - 40°C.

20. (Original): The process according to Claim 1, in which the reaction of said mixed anhydride with glucose is carried out at a temperature of 15°C - 30°C.

21. (Original): The process according to Claim 1, in which the reaction of said mixed anhydride with glucose is carried out at a temperature of 18°C - 25°C.

22. (Original): The process according to Claim 1, in which the reaction of said mixed anhydride with glucose is carried out for a time of 1 to 15 hours.

23. (Original): The process according to Claim 1, in which the reaction of said mixed anhydride with glucose is carried out for a time of 2 to 8 hours.

24. (Currently Amended): The process according to Claim 1, wherein said O-acylated glucose derivative is selected from the group consisting of 6-O-octadeca-9,12-dienoyl-D-glucopyranose, 6-O-octadeca-9-enoyl-D-glucopyranose, 6-O-octadecanoyl-D-glucopyranose, 6-O-hexadecanoyl-D-glucopyranose and mixtures ~~thereof~~ thereof.

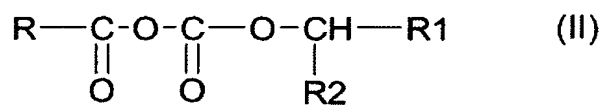
25. (Original): The process according to Claim 1, wherein said O-acylated glucose derivative is selected from the group consisting of glucose esters of vitamin F and mixtures thereof.

26. (Currently Amended): The process according to Claim 2, wherein said O-acylated glucose derivative is selected from the group consisting of 6-O-octadeca-9,12-dienoyl-D-glucopyranose, 6-O-octadeca-9-enoyl-D-glucopyranose, 6-O-octadecanoyl-D-glucopyranose, 6-O-hexadecanoyl-D-glucopyranose and mixtures ~~thereof~~ thereof.

27. (Original): The process according to Claim 2, wherein said O-acylated glucose derivative is selected from the group consisting of glucose esters of vitamin F and mixtures thereof.

28. (Currently Amended): A process for the preparation of an O-acylated glucose derivative, comprising:

- preparing a mixed anhydride of formula (II):



in which R1 and R2 are, independently of one another, saturated or unsaturated and linear or branched hydrocarbon radicals comprising 1 to 20 carbon atoms and R is a saturated or unsaturated, linear or branched hydrocarbon chain comprising 7 to 21 carbon atoms,

by reaction of a carboxylic acid of formula R-COOH with an alkyl haloformate of formula X-C(O)-O-CHR1R2, with X representing halogen;

- reacting said mixed anhydride with glucose;

~~-The process according to Claim 1, further comprising:~~

- optionally purifying the product of the reaction of said mixed anhydride with glucose to produce a purified product, and

- combining said optionally purified product with a physiologically acceptable medium to provide a cosmetic or dermatological composition.

29. (Original): The process according to Claim 25, further comprising:
- optionally purifying the product of the reaction of said mixed anhydride with glucose to produce a purified product, and
 - combining said optionally purified product with a physiologically acceptable medium to provide a cosmetic or dermatological composition.
30. (Original): The process according to Claim 1, wherein R is a saturated or unsaturated, linear or branched hydrocarbon chain comprising 11 to 17 carbon atoms.
31. (Original): The process according to Claim 2, wherein R is a saturated or unsaturated, linear or branched hydrocarbon chain comprising 11 to 17 carbon atoms.